16-Port Gigabit Ethernet Rackmount Switch

16-Port RJ45 10/100/1000 Mbps, IEEE 802.3az Energy Efficient Ethernet

Part No.: 524148

Boost your network speed.

The Intellinet Gigabit Ethernet Rackmount Switch offers an array of features while providing superior network throughput.

Extreme Flexibility

Sixteen 10/100/1000 Mbps auto-sensing ports automatically detect optimal network speeds.

Extreme Throughput

With a backplane speed of 32 Gbps, there is plenty of performance available for your computers, servers and other networking devices.

Features:

- 10/100/1000 auto-sensing ports automatically detect optimal network speeds
- All RJ45 ports with Auto-MDIX (auto uplink) support
- Supports NWay auto-negotiation
- Store and forward switching architecture
- Full/half duplex operation
- Supports 802.3x flow control for full duplex mode and collision-based backpressure for half duplex mode
- Complies with the IEEE 802.3az (Energy Efficient Ethernet EEE) specification
- Supports up to 8192 MAC address entries
- 256 kBytes buffer memory
- Includes 19" rackmount brackets
- Supports MAC address auto-learning and auto-aging
- Three-Year Warranty

Specifications:

Standards
» IEEE 802.3 (10Base-T Ethernet)
» IEEE 802.3ab (Twisted Pair Gigabit Ethernet)
» IEEE 802.3az (Energy Efficient Ethernet EEE)
» IEEE 802.3u (100Base-TX Fast Ethernet)
» IEEE 802.3x (flow control, for full duplex mode)

General
» Media support:
- 10Base-T Cat3, 4, 5 UTP/STP RJ45
- 100Base-TX Cat5 UTP/STP RJ45
- 1000Base-T Cat5e UTP/STP RJ45
» Packet filter/forwarding rate:
- 1,488,000 pps (1000 Mbps)
- 148,800 pps (100 Mbps)
- 14,880 pps (10 Mbps)
» MAC address table: 8192 entries
» Backplane speed: 32 Gbps
» Switch architecture: store and forward
» 16 RJ45 Gigabit Ethernet ports
» Certifications: FCC Class B, CE

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LEDs
» Power
» Link Speed per port: 1000 Mbps
» Link/Activity per port

Power
» Internal power supply: 100 – 240 V AC, 50/60 Hz
» Power consumption: 20 Watts (maximum)

Environmental
» Metal housing, 19" rackmount, 1U
» Dimensions: 440 (W) x 205 (L) x 44 (H) mm (17.4 x 8 x 1.7 in.)
» Weight: 2.9 kg (6.4 lbs.)
» Operating temperature: 0 – 40°C (32 – 104°F)
» Operating humidity: 10 – 90% RH, non-condensing
» Storage temperature: -40 – 70°C (-40 – 158°F)

Package Contents
» Gigabit Ethernet Rackmount Switch
» Power cable
» 19" rackmount brackets
» User manual

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